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S/N 09/051,034

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	MCKENZIE ET AL	Examiner:	P. BRUNOVSKIS
Serial No.:	09/051,034	Group Art Unit:	1632
Filed:	MARCH 31, 1998	Docket No.:	30562.6USWO
Title:	IMPROVED NUCLEIC ACIDS ENCODING A CHIMERIC GLYCOSYLTRANSFERASE		

CERTIFICATE UNDER 37 CFR 1.10:

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By: 
Name: Chris Stordahl

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed October 2, 2001, Applicants submit the following Amendments and Remarks.

IN THE CLAIMS

Please cancel claims 11 and 15, amend claims 1, 8, 9, 17, 18, 19, 22, 23, 24, 26, 28 and 29, and add new claims 30-35 as follows:

1. (TWICE AMENDED) A nucleic acid encoding a chimeric enzyme, wherein said chimeric enzyme comprises a catalytic domain of a first glycosyltransferase and a localization signal of a different glycosyltransferase, wherein expression of said nucleic acid in a cell results in localization of said chimeric enzyme by said localization signal in the same cell compartment or organelle in which the different glycosyltransferase is naturally present so as to allow competition for substrate between the first glycosyltransferase and the different glycosyltransferase so as to result in reduced levels of a product from the different glycosyltransferase when compared with the level of said product in a cell wherein the chimeric

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